

Amendment to the Specification:

Please amend the specification as follows:

Please replace the paragraph on page 1, lines 6 to 18 (entitled "CROSS REFERENCE TO RELATED APPLICATIONS" on line 5), with following amended paragraph:

This application claims priority from Provisional Application Serial No. 60/117,844, filed January 29, 1999, Provisional Application Serial No. 60/118,206, filed February 1, 1999, Provisional Application Serial No. 60/126,593, filed March 26, 1999, Provisional Applications Serial No. 60/134,093, filed May 14, 1999, and Provisional Application Serial No. 60/134,092, filed May 14, 1999, to which applications priority claim is made under 35 U.S.C. §119(e), the disclosures of which are incorporated herein by reference. The present application also incorporates by reference U.S. patent application serial no. (USSN) 09/443,497, now U.S. Patent No. 6,466,874, issued October 15, 2002, [[USSN __/ __, __,]] for "A Rosetta Stone Method For Detecting Protein Function and Protein-Protein Interactions From Genome Sequences" (attorney docket No.: 07419-020001) and USSN 09/493,498, now U.S. Patent No. 6,564,151, issued May 13, 2003, [[__/ __, __,]] for "Assigning Protein Functions By Comparative Genome Analysis: Protein Phylogenetic Profiles" (attorney docket No.: 07419-021001), filed concurrently on January 28, 2000. Each of the aforementioned applications and patents is explicitly incorporated herein by reference in their entirety and for all purposes.